

**ANSWERS**

**Task 1**

**Practice**

**Complete the tally to match the total**

1.

Animals	Tally	Total
Cow		11
Hen		6
Pig		14

2.

Colours	Tally	Total
Pink		7
Red		2
Green		15

3.

Meals	Tally	Total
Pie		24
Pizza		12
Curry		15
Wraps		6

4.

Toys	Tally	Total
Doll		4
Car		23
Robot		11
Train		17

**Complete the tallies and totals – 70 children voted altogether.**

5.

Ice-cream	Tally	Total
Vanilla		9
Mint		18
Chocolate		22
Caramel		21

**Task 2**

**Practice**

**Read the tally charts and answer the questions**

1. Raj counted animals at the zoo.  
How many lions and tigers did he count altogether?  $11 + 6 = 17$

Zoo Animals	Tally
Monkey	
Lion	
Tiger	

2. Sam did a bug hunt on the school field.  
How many more ladybirds than worms were seen?  $23 - 9 = 14$

Bugs	Tally	Total
Worm		9
Spider		17
Beetle		5
Ladybird		23

3. Malikah did a survey of favourite cakes.  
How many more people liked chocolate cake than coffee?  $24 - 6 = 18$

Cakes	Tally	Total
Chocolate		24
Lemon		13
Coffee		6
Cherry		21

4. Tom did a survey of trees on the school field.  
How many more Birch trees than Beech trees were seen?  $25 - 15 = 10$

Trees	Tally	Total
Beech		15
Oak		11
Ash		24
Birch		25

**Task 3**

**Reasoning**

**Explain your answers.**

3a. Jen carried out a survey of bed times. She says,



Fourteen children go to bed at 8pm.

True or false? Explain how you know.

Time	Tally	Total
7pm	III	8
8pm		15
9pm		2

**3a. False because the tally and total shows 15 children go to bed at 8pm**

6a. Zaynab carried out a traffic survey. She says,



There were more bikes than buses and lorries together.

True or false? Explain how you know.

Vehicles	Tally	Total
bus		4
bike		19
lorry		13
car		27

**6a. True because there were 19 bikes and 17 buses and lorries altogether.  $19 > 17$ .**

9a. Iram carried out a pet survey. She says,



The difference between the number of children who have dogs and cats is 8.

True or false? Explain how you know.

Pets	Tally	Total
Hamster		
Dog		
Rabbit		
Cat		

**9a. False because 38 children have dogs and 31 children have cats.  $38 - 31 = 7$ . So the difference is 7.**

**Task 4**

**Problem solving**

2b. Read the clues. Add the sports to the correct tally.

*Least children like tennis.  
Most children like golf.  
More than 10 children like hockey.*

Sports	Tally	Total
Hockey		12
Tennis		2
Golf		14

5b. Read the clues. Add the animals names to the correct tally.

*I saw most penguins and least elephants.  
There were 20 bears and elephants in total.  
There were 25 elephants and meerkats.*

Animals	Tally	Total
Bears		12
Penguins		26
Elephants		8
Meercats		17

8b. Read the clues. Add the film names to the correct tally.

*5 times more children liked Cars than Coco.  
7 more children liked Moana than Cars.  
10 more children liked Frozen than Moana.*

Films	Tally	Total
Frozen		42
Cars		25
Moana		32
Coco		5

Challenge

2. Lee, Gemma and Natasha have been to the farm. They are discussing the animals they saw.

Lee: We saw 5 more cows than pigs. We saw fewer horses than pigs.

Gemma: We saw an odd number of sheep. We didn't count more than 30 of any animal.

Natasha: We saw between 20 and 25 pigs. We saw more sheep than any other animal.

Draw a tally chart to show how many of each animal they might have seen.

Various answers, for example:

Animals	Tally	Total
Cows		26
Pigs		21
Horses		8
Sheep		27

